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Substitute for form 1449APTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	Unassigned (Div. Of 09/889,087)
				Filing Date	Herewith
				First Named Inventor	Adnan M. M. Majalli
				Group Art Unit	1623
				Examiner Name	Leigh M. Maier
				Attorney Docket Number	46395-261072
Sheet 1 of 4		Express Mail Certificate EV 127 541 775 US			

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
LCM	1	US- 3,489,751 A	01-13-1970	Crast, L. B., Jr.	column 2, line 60 to column 7, line 60
LCM	2	US- 3,634,418 A	01-11-1972	Willner, David	example 11
LCM	3	US- 4,535,167	8-13-1985	Freidinger, et al.	
LCM	4	US- 4,631,211	12-23-1986	Houghten, Richard A.	
LCM	5	US- 4,757,153	7-12-1988	Hansen, Jr. et al.	
LCM	6	US- 5,280,093	1-18-1994	Jacquier, et al.	

FOREIGN PATENT DOCUMENTS							
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LCM	7	DE	726 386 German w/English Abstract	C	IG FARBENINDUST RIE AG	10-13-42	examples 2 & 3; example 10; example 11, and from column 14, line 35 to column 25, line 25
LCM	8	DE	36 24 376 German/no English Abstract	A	KUNZ HORST PROF DR	01-28-88	page 5, lines 40-55
LCM	9	EP	0 779 076	A	YAROVA ELENA PETROVNA; DEGIN VLADISLAV ISAKOVICH (RU)	06-18-97	page 10, lines 19-27
LCM	10	GB	867 572	A	CIBA LTD	05-10-61	page 6, first column, lines 13-55 and claims 8 and 15

Examiner Signature	Leigh C. Maier	Date Considered	1-18-05
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		Attorney Docket Number	46395-261072
Sheet	2	of	4
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
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	11	DATABASE CROSSFIRE BEILSTEIN 'Online! Beilstein Institut zur Förderung der Chemischen Wissenschaften, Frankfurt am Main, DE; retrieved from XFIRE Database accession no. 5131130 XP002221918 *abstract* & ALOY; RABAUT: BULL. SOC. CHIM. FR., No. 7, 1910, page 517		
	12	DATABASE CROSSFIRE BEILSTEIN 'Online! Beilstein Institut zur Förderung der Chemischen Wissenschaften, Frankfurt am Main, DE; retrieved from XFIRE Database accession no. 390975 XP002221919 *abstract* & RASSAT; REY: BULL. SOC. CHIM. FR., 1967, page 815		
	13	DATABASE CROSSFIRE BEILSTEIN 'Online! Beilstein Institut zur Förderung der Chemischen Wissenschaften, Frankfurt am Main, DE; retrieved from XFIRE Database accession no. 971962 XP002221920 *abstract* & PALACIN, SERGE; CHIN, DONOVAN ET AL.: J. AMER. CHEM. SOC., vol. 119, no. 49, 1997, pages 11807-11816		
	14	DATABASE CROSSFIRE BEILSTEIN 'Online! Beilstein Institut zur Förderung der Chemischen Wissenschaften, Frankfurt am Main, DE; retrieved from XFIRE Database accession no. 5998328 XP002221921 *abstract* & JACOBSEN, PØGL; SCHAUUMBURG, KJELT ET AL.: ACTAA CHEM. SCAND. SER. B, vol. 34, no. 5, 1980, pages 319-326		
	15	DATABASE CROSSFIRE BEILSTEIN 'Online! Beilstein Institut zur Förderung der Chemischen Wissenschaften, Frankfurt am Main, DE; retrieved from XFIRE Database accession no. 2831711 XP002221922 *abstract* & TOSUNYAN ET AL.: ARM. KHIM. ZH., no. 30, 1977, page 785		
	16	DATABASE CROSSFIRE BEILSTEIN 'Online! Beilstein Institut zur Förderung der Chemischen Wissenschaften, Frankfurt am Main, DE; retrieved from XFIRE Database accession no. 1636432 XP002221923 *abstract* & LAVRADOR, KARINE; GUILLERM, DANIELLE ET AL.: BIOORG. MED. CHEM. LETT., vol. 8, no. 13, 1998, pages 1629-1634		
	17	DATABASE CROSSFIRE BEILSTEIN 'Online! Beilstein Institut zur Förderung der Chemischen Wissenschaften, Frankfurt am Main, DE; retrieved from XFIRE Database accession no. 7528593 XP002221924 *abstract* & ALLAN, ROBIN; DUKE, RUJEE; HAMBLEY, TREVOR ET AL.: AUST J. CHEM., vol. 49, no. 7, 1996, pages 785-792		
Examiner Signature		Date Considered		1-18-05

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	Unassigned (Div. Of 09/889,087)
Sheet	3	of	4	Filing Date	Herewith
				First Named Inventor	Adnan M. M. Majalli
				Group Art Unit	1623
				Examiner Name	Leigh M. Maier
				Attorney Docket Number	46395-261072
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	18	DATABASE CROSSFIRE BEILSTEIN 'Online! Beilstein Institut zur Förderung der Chemischen Wissenschaften, Frankfurt am Main, DE; retrieved from XFIRE Database accession no. 2717318 XP002221925 *abstract* & MUNDAY: CHEM. IND, 1960, page 1057 London
	19	DATABASE CROSSFIRE BEILSTEIN 'Online! Beilstein Institut zur Förderung der Chemischen Wissenschaften, Frankfurt am Main, DE; retrieved from XFIRE Database accession no. 2213919 XP002221926 *abstract* & TRIGALO, F.; BUISSON, D.; AZERAD, R.: TETRAHEDRON LETT., vol. 29, no. 47, 1988, pages 6109-6112
	20	DATABASE CROSSFIRE BEILSTEIN 'Online! Beilstein Institut zur Förderung der Chemischen Wissenschaften, Frankfurt am Main, DE; retrieved from XFIRE Database accession no. 2936549 XP002221927 *abstract* & HUDDLE, SKINNER: J. MED. CHEM., no. 14, 1971, page 545
	21	DATABASE CROSSFIRE BEILSTEIN 'Online! Beilstein Institut zur Förderung der Chemischen Wissenschaften, Frankfurt am Main, DE; retrieved from XFIRE Database accession no. 7063065 XP002221928 *abstract* & PLATTNER ET AL.: HELV. CHIM. ACTA, no. 31, 1948, pages 852-858
	22	DATABASE CROSSFIRE BEILSTEIN 'Online! Beilstein Institut zur Förderung der Chemischen Wissenschaften, Frankfurt am Main, DE; retrieved from XFIRE Database accession no. 7054614 XP002221929 *abstract* & SCHIFF: CHEM. BER., no. 18, 1885, page 490
	23	DATABASE CROSSFIRE BEILSTEIN 'Online! Beilstein Institut zur Förderung der Chemischen Wissenschaften, Frankfurt am Main, DE; retrieved from XFIRE Database accession no. 7063059 XP002221930 *abstract* & VISCONTINI: HELV. CHIM. ACTA, no. 29, 1946, page 1496
LCM	24	STRYER, LUBERT, "Biochemie", 1983, VIEWEG AND SOHN VERLAGSGESELLSCHAFT MBH, GERMANY XP002221913, pages 10-14; in particular table 2-1
LCM	25	SIGNMA-ALDRICH CHEMIE GMBH, "Biochemical and reagents for life science research", 1999, SIGMA-ALDRICH CO. XP002221914, pages 90-95
LCM	26	Supplementary Partial European Search Report for Application EP 00 90 8331 mailed January 9, 2003
LCM	27	CAO, X. et al., "Synthesis of NH-acyl-α-aminoamides on rink resin: inhibitors of the hematopoietic protein tyrosine phosphatase" Bioorg. Med. Chem. Lett. Vol. 5, 1995, 2953-2958
Examiner Signature	<i>Leigh C. Maier</i>	
	Date Considered	1-18-05

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		Application Number	Unassigned (Div. Of 09/889,087)
		Filing Date	Herewith
		First Named Inventor	Adnan M. M. Majalli
		Group Art Unit	1623
		Examiner Name	Leigh M. Maier
		Attorney Docket Number	46395-261072
Sheet	4	of	4
		Express Mail Certificate	
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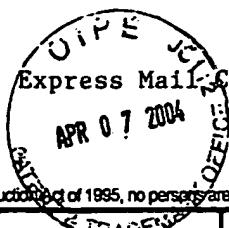
<i>LCM</i>	28	DEMHARTER, A. et al. "Synthesis of Chiral 1,1' – Iminodicarboxylic Acid Derivatives from – α Amino Acids Aldehydes, Isocyanides, and Alcohols by the Diastereoselective Five-Center-Four-Component Reaction. <i>Angew. Chem. Int. Ed. Engl.</i> 35: 173-175 (1996)	
<i>LCM</i>	29	FAUST, "Geminal Benzotriazolyl Ethoxy derivatives-Efficient auxiliaries in the synthesis of unsaturated carbonyl compounds", <i>J. Prakt. Chem.</i> , 1997, Vol. 339, p. 98-100	
	30	GREENE, T.W., "Protection for the Amino Group" Protective Groups in Organic Synthesis, John Wiley & Sons, New York, NY, Chapter 7 (1981)	
<i>LCM</i>	31	KEATING, et al., "Molecular diversity via a convertible isocyanide in the Ugi four component condensation" <i>J. Am. Chem. Soc.</i> 1995, Vol. 117, 7842-7843	
<i>LCM</i>	31	KEATING, T.A. et al. "Postcondensation Modifications of Ugi Four-Component Products: 1-Isocyanocyclohexene as a convertible Isocyanide Mechanism of Conversion, Synthesis of Diverse Structures, and Demonstration of Resin Capture" <i>J. Am. Chem. Soc.</i> 1996, Vol. 118, p 2574-2583	
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<i>LCM</i>	33	KUNZ, H. et al. "Carbohydrates as chiral templates: diastereoselective Ugi synthesis of (S) amino acids using o-acylated d-arabinopyranosylamine as the auxiliary" <i>Tetrahedron Lett.</i> , 1989, Vol. 30, pp. 4109-4110	
<i>LCM</i>	34	LINDERMAN, "Enhanced diastereoselectivity in the asymmetric Ugi reaction using a new convertible isonitrile" <i>J. Org. Chem.</i> , 1999, Vol. 64, pp. 336-337	
<i>LCM</i>	35	MJALLI, et al., "Solid phase synthesis of pyrroles derived from a four component condensation" <i>Tetrahedron Lett.</i> , 1996, Vol. 37, pp. 2943-2946	
<i>LCM</i>	36	SIGLMÜLLER et al. "Chiral ferrocenylalkylamines from (-)-menthone" <i>Tetrahedron</i> , 1986, Vol. 42, pp. 5931-5940	
<i>LCM</i>	37	UGI, I., Isonitrile Chemistry, p. 1, Academic Press, New York and London, 1971	
<i>LCM</i>	38	UGI, I., "From Isocyanides via four-component condensations to antibiotic syntheses" <i>Angew Chem., Int. Ed. Engl.</i> , 1982, Vol. 21, pp. 810-819	
<i>LCM</i>	39	UGI, I., "Perspektiven von Multikomponentenreaktionen und deren Bibliotheken" <i>J. Prakt. Chem.</i> , 1997, Vol. 339, p. 499-516	

Examiner Signature	<i>Leigh C. Maier</i>	Date Considered	1-18-05
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		Filing Date	June 26, 2004
		First Named Inventor	Mjalli
		Art Unit	1623
		Examiner Name	Leigh C. Maier
Sheet	1	of	1
		Attorney Docket Number	
		46395-298831	

NON-PATENT LITERATURE DOCUMENTS

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